



DATASHEET

MAX-E3 PREMIUM SEVERE DUTY Totally Enclosed Fan-Cooled Cast Iron Frame to 185kW

MOTOR SERIES	MAX-E3 PREMIUM SEVERE DUTY Totally Enclosed Fan-Cooled Cast Iron Frame to 185kW		
START METHOD			DIRECT ONLINE
KW RATING			0.18
VOLTAGE	(V)		240
PHASES			3
FREQUENCY	(Hz)		50
NO OF POLES			2
FRAME			63
SPEED			
	SYNCHRONOUS	(rpm)	3000
	FULL LOAD	(rpm)	2740
CURRENT			
	FULL LOAD	(Amps)	0.95
	LOCKED ROTOR	%	455
TORQUE			
	FULL LOAD TORQUE	(Nm)	0.63
	STARTING TORQUE	%	363
	MINIMUM TORQUE	%	363
	BREAKDOWN TORQUE	%	363
ROTOR INERTIA (J = GD²/4)		(Kgm ²)	0.0005
EFFICIENCY			
	100% LOAD	%	61
	75% LOAD	%	59.5
	50% LOAD	%	55
POWER FACTOR			
	100% LOAD	%	77.5
	75% LOAD	%	69
	50% LOAD	%	57
INSULATION CLASS			F
ENCLOSURE TYPE			TEFC
IP RATING			66
WEIGHT OF MOTOR		kgs	9
BEARINGS			
	DRIVE END		6201 ZZ C3
	NON DRIVE END		6201 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M		dbA	52
DESIGN STANDARD			AS1359
CERTIFICATION			
TEMPERATURE RISE ABOVE AMBIENT			< 80 DEG C